Practical Nursing CTAG Alignments

This document contains information about Practical Nursing proposed Career-Technical Articulation Numbers CTNUR001for the proposed LPN to RN Career-Technical Assurance Guide (CTAG). The CTANs are: CTNUR001

LPN to RN: This CTAN facilitates the transfer of credit for students who have completed an approved LPN program and wish to transition into an RN program among Ohio's public postsecondary institutions.

Proposed Semester Credit Hours: Minimum of 10 credits of the nursing technical credits towards degree requirements. All outcomes are 100% match

Proposed Alignment:

Learning Outcomes **The student will be able to:**	**Competencies and/or Descriptors from the Allied Health and Nursing Pathway Career Field Technical Content Standards**
	Patient and Family Centered Care
Will provide holistic care that recognizes an individual's and family's preferences, values and needs and respects the client or designee as a full partner in providing compassionate, coordinated, age and culturally appropriate, safe, and effective care. (NOF) Utilize basic nursing art and science practiced in a variety of structured settings, to safely deliver nursing care to individuals and groups across the life span, that include but are not limited to:	**STRAND** 3 **OUTCOME** 2 **COMPETENCY** 4 3.2.4 Identify the needs of the individual, support system, and community related to physical, biological, technological, spiritual, religious, social and behavioral wellness. **STRAND** 3 **OUTCOME** 2 **COMPETENCY** 5 3.2.5 Communicate relevant information to promote, maintain and restore overall wellness. 3 **OUTCOME** 2 **COMPETENCY** 7

- The application of nursing care concepts in addressing the physiological, psychological, cultural, and spiritual needs of patients.

- Provide a safe and effective care environment by:
  - Maintaining psychosocial and physiological integrity and adaptation
  - Providing basic care and comfort modalities
  - Providing safe pharmacological therapies

- Providing health promotion and maintenance through effective patient teaching.

(OBN)

Communicate the medical benefits and risks associated with immunizations and other preventative care across the life span.

STRAND	3	OUTCOME	2	COMPETENCY	8

Identify the components of wellness.

STRAND	3	OUTCOME	2	COMPETENCY	9

Communicate the relationship between dimensions of health and wellness.

OUTCOME	3.3	Pharmaceutical Interventions

Prepare, administer, store and document medications, reactions, and outcomes according to laws, regulations and authorized health care provider orders and protocols.

STRAND	3	OUTCOME	3	COMPETENCY	1

Identify and define terms related to drugs, pharmacology and medicines.

STRAND	3	OUTCOME	3	COMPETENCY	2

Identify drug classifications.

STRAND	3	OUTCOME	3	COMPETENCY	3

Recognize trade and generic names of prescription medications, over-the- counter drugs and herbal preparations.

STRAND	3	OUTCOME	3	COMPETENCY	4

Identify and communicate elements of a prescription and relevant information.

STRAND	3	OUTCOME	3	COMPETENCY	5

Store drugs in regard to heat, light, moisture and security systems.

STRAND	3	OUTCOME	3	COMPETENCY	6

Describe the therapeutic value of the medication being taken and how to evaluate the individual's outcome.

STRAND	3	OUTCOME	3	COMPETENCY	7

List and describe the routes of drug administration with various forms of drugs.

STRAND	3	OUTCOME	3	COMPETENCY	8

Prepare medications as indicated on the prescription or medication order.

STRAND	3	OUTCOME	3	COMPETENCY	9

Reconcile medication, immunization records, and report errors.

STRAND	3	OUTCOME	3	COMPETENCY	10

Calculate medication dosages.

STRAND	3	OUTCOME	3	COMPETENCY	11

Administer and document medications ensuring the correct medication, dosage, route, time, person, and method.

STRAND	3	OUTCOME	3	COMPETENCY	12

Communicate the potential side effects and adverse reactions to medical interventions and determine the individual's level of understanding.

STRAND	3	OUTCOME	3	COMPETENCY	13

Identify altered mental states (e.g., hallucinogens, sensory deprivation) and corrective actions.

STRAND	3	OUTCOME	3	COMPETENCY	14

Identify fluid and electrolyte imbalances, side-effects and adverse reactions.

STRAND	3	OUTCOME	3	COMPETENCY	15

Apply standard practices and procedures that prevent contamination of pharmaceutical products.

STRAND	3	OUTCOME	3	COMPETENCY	16

Follow pharmaceutical procedure when filling a syringe, breaking an ampule, reconstituting a sterile powder and injecting liquids.

STRAND	3	OUTCOME	3	COMPETENCY	19

Follow verification processes for handling medications prepared by others and for identifying fraudulent prescriptions.

STRAND	3	OUTCOME	4	COMPETENCY	1

Perform healthcare provider cardiopulmonary resuscitation (CPR) and automated external defibrillation (AED).

STRAND	3	OUTCOME	6	COMPETENCY	6

Perform active, passive, assistive and resistive Range-of-Motion (ROM) on joints.

STRAND	3	OUTCOME	6	COMPETENCY	12

Describe techniques to disrupt the interpretation of pain.

OUTCOME	4.4	Hygiene

Perform personal hygiene for individuals across stages of development and document.

STRAND	4	OUTCOME	4	COMPETENCY	1

Perform oral and denture care.

STRAND	4	OUTCOME	4	COMPETENCY	2

Perform personal hygiene.

STRAND	4	OUTCOME	4	COMPETENCY	3

Dress and undress individuals in need of assistance.

STRAND	4	OUTCOME	4	COMPETENCY	4

Perform nail care and foot soaks.

STRAND	4	OUTCOME	4	COMPETENCY	5

Observe and report skin condition for abnormalities.

OUTCOME	4.5	Ambulation and Mobility

Assist and document the safe ambulation and mobility of individuals across stages of development.

STRAND	4	OUTCOME	5	COMPETENCY	1

Describe risks of immobilization and take measures to prevent complications.

STRAND	4	OUTCOME	5	COMPETENCY	2

Educate and monitor use of assistive devices based on individual needs.

STRAND	4	OUTCOME	5	COMPETENCY	3

Operate wheelchairs, Geri Chairs and lifts.

STRAND	4	OUTCOME	5	COMPETENCY	4

Educate an individual for ambulation with skid-proof footwear, use gait belt and encourage the individual to use assistive devices.

STRAND	4	OUTCOME	5	COMPETENCY	5

REMOVE (covered in 4.5.1)

STRAND	4	OUTCOME	5	COMPETENCY	6

Reposition slowly to avoid adverse outcomes.

STRAND	4	OUTCOME	5	COMPETENCY	7

Support the individual to prevent falls or injury.

STRAND	4	OUTCOME	5	COMPETENCY	8

Position the individual in bed for comfort, proper body alignment, and decreased pressure on boney prominences.

OUTCOME	4.6	Elimination

Assist with elimination needs across the stages of development and document.

STRAND	4	OUTCOME	6	COMPETENCY	1

Describe changes in elimination related to the aging process.

STRAND	4	OUTCOME	6	COMPETENCY	2

Measure intake and output.

STRAND	4	OUTCOME	6	COMPETENCY	3

Describe the importance of and develop a toileting schedule to maintain the individual's dignity, prevent falls and decrease skin irritation.

STRAND	4	OUTCOME	6	COMPETENCY	4

Identify signs and symptoms of abnormalities in elimination.

STRAND	4	OUTCOME	6	COMPETENCY	5

Assist with elimination needs.

STRAND	4	OUTCOME	6	COMPETENCY	6

Maintain a closed artificial elimination collection system (i.e., catheter, colostomy, iliaostomy) and monitor, recognize, and report abnormalities.

OUTCOME	4.7	End-of-Life Care

Provide physical, emotional, and spiritual support to individuals and support systems at end-of-life.

STRAND	4	OUTCOME	7	COMPETENCY	2

Identify stages of reaction to death and dying.

STRAND	4	OUTCOME	7	COMPETENCY	3

Describe the purpose of palliative and hospice care.

	STRAND **4** OUTCOME **7** COMPETENCY **4**
	Provide resources for an individual's cultural, spiritual, and religious needs
	STRAND **4** OUTCOME **7** COMPETENCY **5**
	Enable individuals to express their feelings and to control their care.
	STRAND **4** OUTCOME **7** COMPETENCY **6**
	Perform postmortem care in compliance with legal guidelines and cultural, spiritual, and religious preferences. Strand 7 Behavioral Health 7.1.3 Identify the risk and relationship between medical and psychological behavioral health conditions. 7.2.13 Provide assistive care and support to clients with identified psychosocial needs. 7.2.15 Describe the importance of interpersonal relationships and social supports across the life span

Professionalism	
Demonstrate accountability for the delivery of standard-based nursing care that is consistent with moral, altruistic, legal, ethical, regulatory, and humanistic principles. (NOF) Demonstrate knowledge of legal, ethical, historical, and emerging issues in nursing that include but are not limited to the law and rules regulating nursing practice in Ohio (OBN) Demonstrate professionalism in acting as a mentor for other nurses. (OBN)	STRAND **3** OUTCOME **1** COMPETENCY **2** Maintain patients' rights, respect individual's choices, and obtain consent. STRAND **3** OUTCOME **1** COMPETENCY **3** Describe confidentiality guidelines in the Health Insurance Portability and Accountability Act (HIPAA). OUTCOME **4.1** **Scope of Practice** Describe the roles and responsibilities of assistive personnel and identify the medical specialists who treat disorders of each body system. STRAND **4** OUTCOME **1** COMPETENCY **1** Describe the guidelines of the governing body concerning abuse, mistreatment, neglect and misappropriation of an individual's property. STRAND **4** OUTCOME **7** COMPETENCY **1** Describe variations in advanced directives and responsibilities of healthcare providers. OUTCOME **6.2** **Confidentiality, Privacy and Security**

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	Apply the fundamentals of confidentiality, privacy and security to communicate health/medical information accurately and within legal/regulatory bounds to other external entities.
	STRAND 6 **OUTCOME** 2 **COMPETENCY** 3
	Interpret regulatory requirements, standards of practice, legal responsibility, limitations and implications of actions and describe the appropriate avenues for reporting incidences of malpractice or negligence.
	STRAND 6 **OUTCOME** 2 **COMPETENCY** 4
	Identify what constitutes the authorized access, release and use of personal health information.
	STRAND 6 **OUTCOME** 2 **COMPETENCY** 5
	Distinguish confidential and non-confidential information, and document and prioritize requests for personal health information according to privacy and confidentiality guidelines. Strand 7 Behavioral Health 7.3.4. Identify advance directives. 7.3.8. Describe obligation of reporting activities and behaviors that could potentially affect the health, safety, and welfare of the patient and/or others.

Leadership

Influence the behavior of individuals or groups of individuals in a way that will facilitate the achievement of shared goals. (NOF) Delegate nursing tasks in accordance with Chapter 4723-13 of the Administrative Code (OBN)	**OUTCOME** 4.1 **Scope of Practice** Describe the roles and responsibilities of assistive personnel and identify the medical specialists who treat disorders of each body system.

Proposed Learning Outcomes The student will be able to:	
Systems-Based Practice	
Demonstrate an awareness of and responsiveness to the larger context of the health care system and will demonstrate the ability to effectively call on microsystem resources to provide care that is of optimal quality and value. (NOF) Apply basic biological, physical, and technological sciences, human anatomy and physiology, chemistry, microbiology, nutrition, pharmacology, mathematics, and computer operations in the care of patients. (OBN) Apply social and behavioral sciences that are necessary for a basic understanding of the effect of a patient's religious, spiritual, cultural, gender identity, sexuality, and growth and developmental experiences on the patient's health, the patient's attitude toward health maintenance, and to effectively communicate with the patient (OBN) Utilize the nursing process effectively in providing nursing care including:	**STRAND 2 Human Body System** Learners will describe the various anatomy, physiology, and pathophysiology associated with body systems and alterations related to the normal developmental process, obtain a health history, perform an evaluation of the body systems, and document using medical terminology. **OUTCOME 2.1 Human Anatomy, Physiology, and Pathophysiology** Describe the various human body systems, alterations related to the normal developmental process and possible dysfunctions. **STRAND 2 OUTCOME 1 COMPETENCY 1** Identify body planes, directions, cavities, quadrants and regions. **STRAND 2 OUTCOME 1 COMPETENCY 2** Describe the physical characteristics, components and function of blood (e.g., ABO, Rh, blood cells, precursors and respiratory) **STRAND 2 OUTCOME 1 COMPETENCY 3** Describe the structures and functions of the cardiovascular system and trace the path of blood and identify factors affecting blood flow. **STRAND 2 OUTCOME 1 COMPETENCY 4** Describe how blood pressure is controlled and identify factors influencing changes in blood pressure.

o Collection and organization of relevant health care data.						

o Collection and organization of relevant health care data.

o Assisting in the identification of health needs and problems; (OBN)

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STRAND	**2**	**OUTCOME**	**1**	**COMPETENCY**	**5**

Describe the structures and functions of the respiratory system.

STRAND	**2**	**OUTCOME**	**1**	**COMPETENCY**	**6**

Describe function of nerve tissue, nervous system, including regions of the brain.

STRAND	**2**	**OUTCOME**	**1**	**COMPETENCY**	**7**

Describe the structures and functions of the musculoskeletal system.

STRAND	**2**	**OUTCOME**	**1**	**COMPETENCY**	**8**

Describe the structures and functions of the digestive/excretory system.

STRAND	**2**	**OUTCOME**	**1**	**COMPETENCY**	**9**

Describe the structures and functions of the renal/urinary system.

STRAND	**2**	**OUTCOME**	**1**	**COMPETENCY**	**10**

Describe the structures and functions of the immune system.

STRAND	**2**	**OUTCOME**	**1**	**COMPETENCY**	**11**

Remove

STRAND	**2**	**OUTCOME**	**1**	**COMPETENCY**	**12**

Describe the structures and functions of the endocrine system.

STRAND	**2**	**OUTCOME**	**1**	**COMPETENCY**	**13**

Differentiate between the structures and functions of the male and female reproductive systems.

STRAND	**2**	**OUTCOME**	**1**	**COMPETENCY**	**14**

Describe the structures and functions of the integumentary system.

STRAND	**2**	**OUTCOME**	**1**	**COMPETENCY**	**15**

Describe the difference between pathology and physiology and the conditions typically observed during a disease state.

STRAND	2	OUTCOME	1	COMPETENCY	16

Explain the pathophysiology changes associated with or resulting from disease or injury for each body system.

OUTCOME	2.2	Evaluate Body Systems

Assess the biopsychosocial state of the patient and document using medical terminology.

STRAND	2	OUTCOME	2	COMPETENCY	1

Provide privacy and demonstrate sensitivity for diverse populations.

STRAND	2	OUTCOME	2	COMPETENCY	2

Contact interpretive services for non-English speaking and English Language Learners (ELL).

STRAND	2	OUTCOME	2	COMPETENCY	3

Use developmentally appropriate language to systematically review disease processes related to each body system.

STRAND	2	OUTCOME	2	COMPETENCY	4

Obtain and document vital signs.

STRAND	2	OUTCOME	2	COMPETENCY	5

Identify and categorize level of consciousness and cognition.

STRAND	2	OUTCOME	2	COMPETENCY	6

Identify and measure pupil reactivity and accommodation.

STRAND	2	OUTCOME	2	COMPETENCY	7

Identify site, onset, type, quality and degree of pain.

STRAND	2	OUTCOME	2	COMPETENCY	8

Identify factors affecting degree and quality of pain.

STRAND	2	OUTCOME	2	COMPETENCY	9

Auscultate lungs for abnormal breath sounds.

STRAND	2	OUTCOME	2	COMPETENCY	10

Describe pulmonary function testing (e.g., vital capacity, tidal volumes, total lung capacity).

STRAND	2	OUTCOME	2	COMPETENCY	11

Auscultate bowel sounds and palpate abdomen for distention and tautness.

STRAND	2	OUTCOME	2	COMPETENCY	12

Measure range of motion and determine joint mobility.

STRAND	2	OUTCOME	2	COMPETENCY	13

Measure muscle strength.

STRAND	2	OUTCOME	2	COMPETENCY	14

Identify various wounds and skin conditions.

STRAND	2	OUTCOME	2	COMPETENCY	15

Measure and document excessive body fluid loss.

STRAND	2	OUTCOME	2	COMPETENCY	16

Identify symptoms of substance abuse

STRAND	2	OUTCOME	2	COMPETENCY	17

Identify patterns of behavior that indicate risk to self and others.

STRAND	2	OUTCOME	3	COMPETENCY	3

Use diagnostic, symptomatic, and procedural terms to read and interpret various medical reports.

Informatics and Technology

Utilize information and technology to communicate, manage knowledge, mitigate error, and support decision making. (NOF) Utilize information management as it pertains to health records, nursing science, and evidence-based practice and document nursing care within various health information systems (OBN)	**STRAND** 6 **OUTCOME** 1 **COMPETENCY** 4 Use health record data collection tools (e.g., electronic medical/health records, meaningful use, document templates). **STRAND** 6 **OUTCOME** 1 **COMPETENCY** 6 Differentiate between the types and content of patient health records and the data collected (e.g., paper-based, electronic medical/health records, personal health records, clearinghouse). **STRAND** 6 **OUTCOME** 1 **COMPETENCY** 7 Apply concepts of health record documentation requirements of external agencies and organizations (e.g., accrediting bodies, regulatory bodies, professional review organizations, licensure, reimbursement, discipline-specific, evidence-based good practice). **STRAND** 6 **OUTCOME** 1 **COMPETENCY** 8 Describe typical internal organizational health record documentation requirements, policies and procedures. **STRAND** 6 **OUTCOME** 2 **COMPETENCY** 3 Interpret regulatory requirements, standards of practice, legal responsibility, limitations, and implications of actions and describe the appropriate avenues for reporting incidences of malpractice or negligence. **STRAND** 6 **OUTCOME** 2 **COMPETENCY** 4 Identify what constitutes the authorized access, release and use of personal health information. **STRAND** 6 **OUTCOME** 2 **COMPETENCY** 5 Distinguish confidential and non-confidential information, and document and prioritize requests for personal health information according to privacy and confidentiality guidelines. **STRAND** 6 **OUTCOME** 2 **COMPETENCY** 6 Use networks, including intranet and internet, according to security and privacy policies and procedures. **STRAND** 6 **OUTCOME** 2 **COMPETENCY** 7 Describe the possible consequences of inappropriate use of health information.

OUTCOME	6.3	Electronic Health Records and Coding

Perform functions within electronic health records (EHRs) and electronic medical records (EMRs) to ensure accurate information, retrieve information and maintain data.

STRAND	6	OUTCOME	3	COMPETENCY	1

Create and update documents within the electronic health record and electronic health systems.

STRAND	6	OUTCOME	3	COMPETENCY	2

Locate and retrieve information in the electronic medical/health records and other sources.

STRAND	6	OUTCOME	3	COMPETENCY	4

Apply methods to ensure authenticity, timeliness, and accuracy of health data entries.

STRAND	6	OUTCOME	3	COMPETENCY	7

Resolve minor technology problems associated with using an electronic health/medical record.

STRAND	6	OUTCOME	3	COMPETENCY	8

Follow access protocols for entry to an electronic health/medical record.

STRAND	6	OUTCOME	3	COMPETENCY	9

Manage documents within the electronic health/medical record using standard protocol.

STRAND	6	OUTCOME	3	COMPETENCY	13

Apply accurate medical terminology to electronic health/medical records.

Communication

Effectively communicate and interact with patients, families, and colleagues, fostering mutual respect and shared decision making, to enhance client satisfaction and health outcomes. (NOF) Adequately document nursing care within various health information systems (OBN)	**STRAND** 2 **OUTCOME** 3 **COMPETENCY** 4 Use abbreviations and symbols to identify anatomical, physiological, and pathological classifications and the associated medical specialties and procedures. **STRAND** 2 **OUTCOME** 3 **COMPETENCY** 5 Communicate medical instructions and prepare medical documents using medical terminology. **OUTCOME 4.2 Therapeutic Communication and Interpersonal Skills** Demonstrate and document communication techniques and behaviors when communicating and interacting with individuals. **STRAND** 4 **OUTCOME** 2 **COMPETENCY** 1 Interpret non-verbal communication, including gestures, posture, touch, facial expressions, eye contact, body movements, avoidance, and appearance. **STRAND** 4 **OUTCOME** 2 **COMPETENCY** 2 Describe the importance of maintaining an individual's personal space. **STRAND** 4 **OUTCOME** 2 **COMPETENCY** 3 Identify the importance of empathy in interpersonal relationships and the need for kindness, patience and listening. **STRAND** 4 **OUTCOME** 2 **COMPETENCY** 4 Maintain aids that promote oral, auditory and visual health (e.g., eyeglasses, hearing aids, dentures). **STRAND** 4 **OUTCOME** 2 **COMPETENCY** 5 Arrange food and utensils on the meal tray in a clock fashion for visually impaired individuals. **STRAND** 4 **OUTCOME** 2 **COMPETENCY** 6 Position an individual for meals to avoid choking and assist in feeding. **STRAND** 4 **OUTCOME** 2 **COMPETENCY** 7

	Maintain a proper environment for eating (e.g., noxious odors, contaminated items, loud noises).
	STRAND 4 OUTCOME 2 COMPETENCY 8
	Provide aids to facilitate communication for speech impaired individuals (e.g., picture cards, slates, notepads).
	Strand 7 Behavioral Health
	7.2.2. Demonstrate and evaluate the use of therapeutic communication.
Teamwork and Collaboration	
Function effectively within nursing and the interdisciplinary health care teams, fostering open communication, mutual respect, shared decision making, team learning and development (NOF)	**STRAND 4 OUTCOME 1 COMPETENCY 2** Recognize and document changes in an individual's condition and inform supervisors. **STRAND 4 OUTCOME 1 COMPETENCY 3**
Contribute to the interdisciplinary health care team in addressing patient physiological, psychological, cultural, and spiritual needs (OBN)	Provide input to and work within an individualized plan of care developed by the interdisciplinary team. **STRAND 4 OUTCOME 1 COMPETENCY 4** Describe the primary purpose of different healthcare settings.
Collaborate with patients, families, other members of the health care team, and other individuals significant to the patient (OBN)	**STRAND 4 OUTCOME 1 COMPETENCY 5** Identify the medical specialists who treat disorders of each body system.

	Safety				

Minimize risk of harm to patients and providers through both system effectiveness and individual performance (NOF) (OBN) Maintain a safe and effective care environment through coordinated care (OBN) Apply safety strategies and infection control principles. (OBN)	**OUTCOME**	**3.1**	**Environmental Interventions**		

OUTCOME **3.1** **Environmental Interventions**

Create and maintain a safe, sterile, efficient, and developmentally appropriate care environment.

STRAND	**3**	**OUTCOME**	**1**	**COMPETENCY**	**1**

Use standard precaution guidelines, recommended by the governing bodies for reducing the risk of transmission of pathogens.

STRAND	**3**	**OUTCOME**	**1**	**COMPETENCY**	**4**

Decrease the risk of injury to individuals or others by using authorized strategies.

STRAND	**3**	**OUTCOME**	**1**	**COMPETENCY**	**5**

Identify and remove environmental and electrical hazards to decrease the risk of falls, injury, or ingestion of dangerous materials.

STRAND	**3**	**OUTCOME**	**1**	**COMPETENCY**	**6**

Identify risks associated with chemical, electrical, and aquatic elements in the work environment.

STRAND	**3**	**OUTCOME**	**1**	**COMPETENCY**	**7**

Describe and follow the precautions used in oxygen therapy and pressurized gases.

STRAND	**3**	**OUTCOME**	**1**	**COMPETENCY**	**8**

Clean, store, or dispose of supplies, specimens and laboratory glassware following protocol and standard precautions.

STRAND	**3**	**OUTCOME**	**1**	**COMPETENCY**	**9**

Determine bleeding risk factors and implement precautions.

STRAND	**3**	**OUTCOME**	**1**	**COMPETENCY**	**10**

Implement disaster preparedness response for emergency situations.

STRAND	**3**	**OUTCOME**	**1**	**COMPETENCY**	**11**

Identify risk factors of exposure to hazardous materials and demonstrate safety precautions.

STRAND	3	OUTCOME	1	COMPETENCY	12

Differentiate and apply principles of aseptic and sterile techniques.

STRAND	3	OUTCOME	1	COMPETENCY	13

Follow Occupational Health and Safety Administration protocol for exposure and disposal of contaminated hazardous waste.

STRAND	3	OUTCOME	1	COMPETENCY	14

Use principles of ergonomics to perform therapeutic interventions.

STRAND	3	OUTCOME	1	COMPETENCY	15

Account for all instruments, supplies and equipment.

STRAND	3	OUTCOME	1	COMPETENCY	16

Control the level of distractions and noise in a patient care environment.

STRAND	3	OUTCOME	1	COMPETENCY	17

Identify and respond to emergency call lights and alarms.

OUTCOME	3.4	Emergency Interventions

Identify, activate and respond to medical, environmental, mechanical and natural emergencies and document interventions and outcomes.

OUTCOME	4.3	Pathogenic Microorganisms, Infection Control and Infection

Use principles of infection control to prevent the growth and spread of pathogenic microorganisms and infection.

STRAND	4	OUTCOME	3	COMPETENCY	1

Describe the chain of infection.

STRAND	4	OUTCOME	3	COMPETENCY	2

Describe mechanisms for the spread of infection.

STRAND	4	OUTCOME	3	COMPETENCY	3

Describe methods of controlling or eliminating microorganisms and the importance of practices that hinder the spread of infection.

| STRAND | 4 | OUTCOME | 3 | COMPETENCY | 4 |

Identify and use appropriate level of personal protective equipment (PPE) when encountering body fluids, potential of splashing, or respiratory droplets.

| STRAND | 4 | OUTCOME | 3 | COMPETENCY | 5 |

Demonstrate various decontamination techniques and procedures.

| STRAND | 4 | OUTCOME | 3 | COMPETENCY | 6 |

Identify and follow standard precaution guidelines.

| STRAND | 4 | OUTCOME | 3 | COMPETENCY | 7 |

Identify, follow, and document isolation precautions.

| STRAND | 4 | OUTCOME | 3 | COMPETENCY | 8 |

Identify signs and symptoms of infection.

| OUTCOME | 5.1 | Handling, Preparation, Storage and Disposal |

Follow standard operating protocols for handling, preparing, storing and disposing of specimens, supplies and equipment

| STRAND | 5 | OUTCOME | 1 | COMPETENCY | 1 |

Use standard operating procedures for the safe use of instruments, equipment and gas cylinders.

| STRAND | 5 | OUTCOME | 1 | COMPETENCY | 2 |

Locate and use safety data sheets to prepare and interpret labels for chemicals, supplies, and to identify hazards associated with handling and storing chemical materials.

Quality Improvement

Collect data to monitor the outcomes of care and use data to continuously improve the quality and safety of health care systems. (NOF)	STRAND 6 OUTCOME 3 COMPETENCY 3 Input and use health information applying management principles to ensure quality, compliance, and integrity.

Evidence-Based Practice

| Identify the value of using the best current evidence coupled with clinical expertise and consideration of patient's preferences, experience, and values to make practice decisions. (NOF)

 Apply of principles of clinical judgment in the delivery of nursing care (OBN) | STRAND 4 Assistive Care

 Learners demonstrate the skills and knowledge to provide personal assistive care for the activities of daily living to a variety of individuals across stages of development within their scope of practice.

 STRAND 5 Bioscience Research and Development

 Learners will demonstrate the skills and knowledge of interpreting laboratory requests, using personal protective equipment and hazardous material containment, specimen collection procedures, a variety of laboratory testing and techniques and maintenance of laboratory equipment and supplies.

 STRAND 7 Behavioral Health

 Learners will identify and investigate evidence-based behavioral health needs, interventions, and resources to improve the well-being of an individual's outcome. |

(NOF) THE NURSE OF THE FUTURE LICENSED PRACTICAL NURSING CORE COMPETENCIES

(OBN) 4723-5-14 CURRICULUM FOR A PRACTICAL NURSING EDUCATION PROGRAM

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